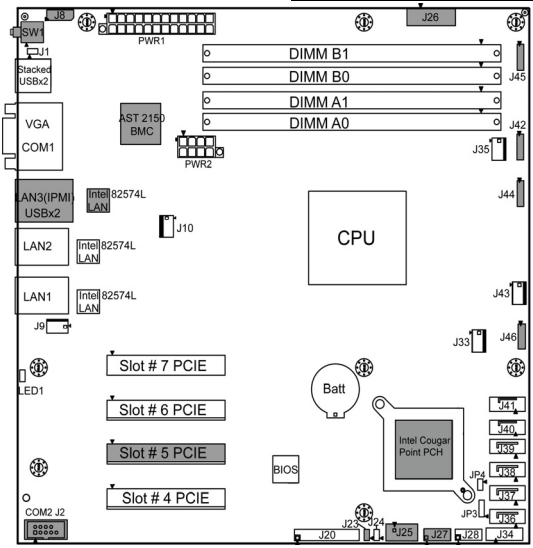
TYAN® S5510 Quick Reference



JP3: CMOS Clear

Pin3	Clear CMOS	Pin3	Normal Default
Pin1	Pin2&3 Closed	Pin1	Pin1&2 Closed

J9/J10/J33/J35/J43
Rear/Front/CPU FAN 4Pin Header
***J42/*J44/*J45/*J46**
System FAN 8Pin Header
*** SW1 ID LED Switch Button**
J1 FP IDLED Switch 2 Pin Header
***J2 COM2 Header**
***J8 IPMB Connector**
J20 Front Panel Header
***J23 LAN3 ACTIVE LED 2 Pin Header**
J24 Intrusion Switch 2 Pin Header
****J25 USB2.0 Type-A Connector**
***J26 PSMI Connector**
J28/J27 Dual USB2.0 Header**
J34 SGPIO Header
JP3 RTC Clear CMOS Set
JP4 ME recovery function Set

OPEN (Jumper OFF)
CLOSED (Jumper ON)

1. ▲indicates the location of pin 1.
2. "*"indicates connectors which are not present in G2NR/G2NR–HE/G2NR–LE version. "**"indicates connectors which are not present in G2NR-LE version.
3. The diagram is representative of the latest board revision available at the time of publishing. The board you received may not look exactly like this diagram.
4. PCIE Slot 5 is not present in G2NR–LE version.
5. The grey area represents varying parts in the 4 SKUs which will be removed or remained.
6. Specific changes please see the table below. (**NOTE**)

Model	Chip	LAN	IPMI	USB Type–A	8 pin Fan connector	PCIE Slot	ID Switch Button	USB Header
S5510GM3NR	C204	3	Yes	1	4	4	1	2
S5510G2NR	C204	2	No	1	4	4	1	2
S5510G2NR-LE	C202	2	No	0	0	3	0	1
S5510G2NR-HE	C206	2	No	1	4	4	1	2

J20: Front Panel Connector

Signal	Pin	Pin	Signal
PWR_LED+	1	2	FP_PWR(3.3V)
KEY	3	4	ID_LED+
PWRLED- (GND)	5	6	ID_LED- (GND)
HDD-LED+	7	8	FAULT_LED1-
HDD-LED-	9	10	FAULT_LED2-
Power Switch+	11	12	LAN1_ACTLED+
GND	13	14	LAN1_ACTLED-
Reset Switch+	15	16	SMB_DATA
GND	17	18	SMB_CLK
ID Switch+	19	20	INTRUSION#
TEMP_SENSE	21	22	LAN2_ACTLED+
NMI Switch#	23	24	LAN2_ACTLED-

Power Supply

TYAN® S5510 supports power connectors below:

Power1 12x2 pin power connector

Power2 4x2 pin power connector

http://www.tyan.com